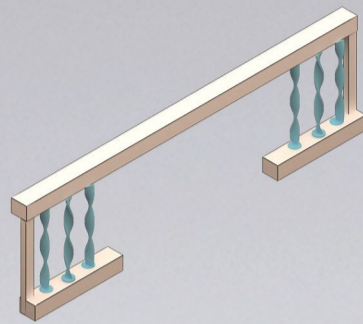


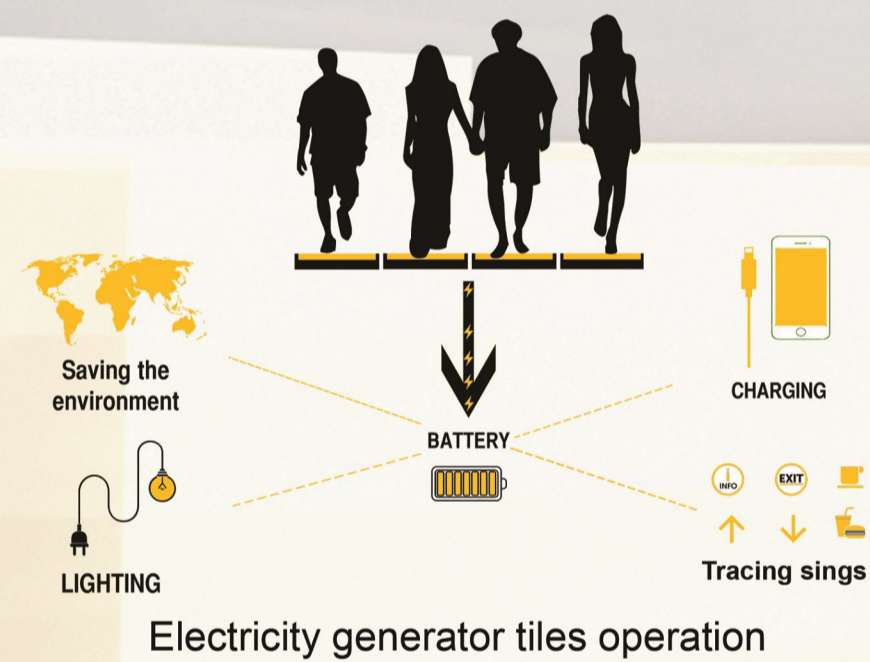
Utilizing solar power to transform it into electricity by photovoltaic panels

Solar panel power output: 0.3 kW/m²
 Approximate area of solar panel: 7,336 m²
 Solar panel energy production per square meter (6 hours a day calculated): 13204.8 kWh per day
 Total energy output per year: 4819.75 mWh/yr



Utilizing wind energy to transform it into electricity by vertical axis wind turbine

Wind power output: 4.5 kW
 The total output of 8 turbines: 864 kW per day
 Total output per year: 315.36 mWh/yr



Estimated steps, taken by each visitor:
 834 for 300 m
 The total output of floor tile power generators: 583.8 kW for 100 visitors per day
 Total energy output per year: 213.08 mWh/yr

Whereas many visitors gather together in this place, it is an ideal opportunity for transforming their kinetic energy into pure electricity; therefore, the power generated by walking. Each 50*50-centimeters tiles of electricity generator by applying pressure from a person, generate 7 W power.

